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50X1-HUM

CENTRAL INTELLIGENCE AGENCY

Plan for the Expansion of Nitrogenous Fertilizer Production in Tons per Year

Product	Present Stage			1st Stage of Expansion			2nd Stage of Expansion		
	Capacity	Production	Use of Capacity(%	Capacity	Production	Use of Capacity(%	Capacity	Production	Use of Capacity(%)
Ammonia, Leuna	150,000	150,000	100	175,000	175,000	100	210,000	210,000	100
Ammonium sulphate, Leuna	84,000	80,000	95	84,000	72,000	85.8	84,000	70,000	83.3
Calcium ammonium nitrate									
Wolfen	24,000	22,000	91.5	24,000	22,000	91.7	30,000[2]	25,000[2]	83.5
Bitterfeld	25,000	24,000	96	25,000	20,000	80	25,000	20,000	80
Potassium ammonium nitrate									
Glückauf Sondershausen*[1]	-	-	-	6,000	5,000	83.5	10,000	8,000	80
Calcium ammonium nitrate									
Piesteritz*[1]	-	-	-	7,000	6,000	85.8	7,000	6,000	85.8
Nitrogenous Calcium phosphate									
Leuna*[1]	-	-	-	30,000	25,000[5]	83.5	45,000	38,000	84.5
Calcium nitrate									
Leuna*[1]	-	-	-	-	-	-	17,000	13,000	76.5
Nitrates produced from ammonia	133,000	126,000	95	176,000	150,000	82.5	218,000	180,000	82.5
Lime nitrogen	48,000	15,000	31.3	48,000	25,000	52	48,000	35,000	73
Total	181,000	141,000	78	224,000	175,000[3]	76	266,000	215,000[4]	81

1) These new plants are to begin production during the first stage of expansion.
2) To be converted to production of Nitrogenous calcium phosphate
3) Requires an additional 35,000 tons of carbide per year.
4) Requires an additional 75,000 tons of carbide per year.

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